

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Martin W. Rupich et al. Art Unit : Unknown
Serial No. : Examiner : Unknown
Filed :
Title : PRECURSOR SOLUTIONS AND METHODS OF USING SAME

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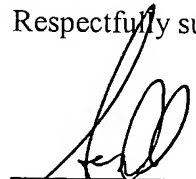
INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached forms PTO-1449. Copies of these references are not enclosed because they were submitted by Applicants in the parent application of which the present application is a divisional.

This statement is being filed with the application. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 9/29/30



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Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 05770-156001	Application No. 09/855,312
		Applicant Martin W. Rupich et al.	
		Filing Date May 14, 2001	Group Art Unit 1762

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AA	EP 0 277 020 A	8/3/88	EP				
	AB	EP 0 301 591 A	2/1/89	EP				
	AC	EP 0 349 444 A	1/3/90	EP				
	AD	EP 0 431 813 A	6/12/91	EP				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AE	International Search Report PCT/US01/32229 dated 9/21/2002

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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,728,214	03/17/98	Konishi et al.			
	AB	5,964,966	10/12/99	Goyal et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL	WO 01/98076	12/27/01	WIPO				
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
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U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,859,652	08/22/89	Block			
	AB	4,882,312	11/21/89	Mogro-Campero et al.			
	AC	4,956,340	09/11/90	Kimura et al.			
	AD	4,959,347	09/25/90	Kobayashi et al.			
	AE	4,994,435	02/19/91	Shiga et al.			
	AF	5,229,358	07/20/93	Kumar			
	AG	5,236,890	08/17/93	Murakami et al.			
	AH	5,304,533	04/19/94	Kobayashi et al.			
	AI	5,427,055	06/27/95	Ichikawa			
	AJ	5,484,766	01/16/96	Shah et al.			
	AK	5,571,603	11/05/96	Utumi et al.			
	AL	5,958,599	09/28/99	Goyal et al.			
	AM	5,981,445	11/09/99	Kirchnerova et al.			
	AN	6,022,832	02/08/00	Fritzemeier et al.			
	AO	6,077,344	06/20/00	Shoup et al.			
	AP	6,172,009	01/09/01	Smith et al.			
	AQ	6,256,521	07/03/01	Lee et al.			

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	AR							

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	AS	G. Moore et al., "Sol-Gel Processing of $Y_1Ba_2Cu_3O_{7-x}$ Using Alkoxide Precursors: Two Systems Yielding High Degrees of Thin Film Orientation and Crystal Growth", <i>Materials Letters</i> , Vol. 7, No. 12, March 1989, pp. 415-424
	AT	M.W. Rupich et al., "Synthesis of Superconductors from Soluble Metal Oxo Alkoxide Precursors", <i>J. Mater. Res.</i> , Vol. 8, No. 7, July 1993, pp. 1487-1496

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	AY	WO 91/16149	10/31/91	WIPO				
	AZ	WO 92/05591	04/02/92	WIPO				
	AAA	WO 97/05669	02/13/97	WIPO				
	ABB	WO 98/58415	12/23/98	WIPO				
	ACC	WO 99/16941	04/08/99	WIPO				
	ADD	WO 99/17307	04/08/99	WIPO				
	AEE	WO 99/25908	05/27/99	WIPO				
	AFF	WO 99/35083	07/15/99	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)		
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	AGG	Apicella, M.L. et al., "The Effects of Surface Contamination on the Biaxially Textured Substrate for YBCO Thick Film Deposition", <i>International Journal of Modern Physics B</i> , Vol. 13, Nos. 9&10 (1999) 997-1004
	AHH	Beach et al., "Sol-Gel Synthesis of Rare Earth Aluminate Films as Buffer Layers for High Te Superconducting Films", <i>Mat. Res. Soc. Symp. Proc.</i> , Vol. 495, (1998), p. 263-270
	AII	Boffa V. et al., "Laser-ablation deposition of CeO ₂ thin films on biaxially textured nickel substrates", <i>Physica C</i> , Vol. 312, (1999), pp. 202-212
	AJJ	Gupta et al., "Superconducting oxide films with high transition temperature prepared from metal trifluoroacetate precursors", <i>320 Applied Physics Letters</i> , Vol. 52, (1988) pp. 2077-2079
	AKK	IBM Technical Disclosure Bulletin, "Fabrication of High Temperature Superconducting Films Using Perfluoro-Organometallic Precursors", Vol. 32, No. 5B, October 1989, p. 241
	ALL	Koster et al., "Influence of the Surface Treatment on the Homoepitaxial Growth of SrTiO ₃ ", <i>Materials Science & Engineering B56</i> , (1998) p. 209-212
	AMM	Lee et al., "Alternative Buffer Architectures for High Critical Current Density YBCO Superconducting Deposits on Rolling Assisted Biaxially-Textured Substrates", <i>Japanese J. Appl. Phys.</i> , Vol. 38, (1999), L178-L180
	ANN	McIntyre, Paul C. et al., "Epitaxial nucleation and growth of chemically derived Ba ₂ Yc ₃ O _{7-x} thin films on (001) SrTiO ₃ ", <i>Journal of Applied Physics</i> , 77 (1995), pp. 5263-5272
	AOO	McIntyre, Paul C. et al., "Effect of growth conditions on the properties and morphology of chemically derived epitaxial thin films of Ba ₂ Yc ₃ O _{7-x} on (001) LaAlO ₃ ", <i>J. Appl. Phys.</i> , Vol. 71, No. 4, February 15, 1992, pp. 1868-1877
	APP	Paranthaman et al., "Growth of Biaxially Textured RE ₂ O ₃ Buffer Layers on Rolled-Ni Substrates Using Reactive Evaporation for HTS-Coated Conductors", <i>Superconductor Sci. Tech.</i> , Vol. 12, (1999), pp. 319-325
	AQQ	Qing He, D.K. et al., "Growth of Biaxially Oriented Conductive LaNiO ₃ Buffer Layers on Textured Ni Tapes for High-T _c -Coated Conductors", <i>Physica C 314</i> (1999) p. 105-111

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	ARR	Qing He, D.K. et al., "Deposition of biaxially-oriented metal and oxide buffer-layer films on textured Ni tapes: new substrates for high-current, high-temperature superconductors", <i>Physica C</i> , Vol. 275 (1997) pp. 155-161
	ASS	Rupich et al., "Growth and Characterization of Oxide Buffer Layers for YBCO Coated Conductors", <i>IEEE Trans. on Appl. Superconductivity</i> , Vol. 9, (1999), pp. 1527-1530
	ATT	Sheth, Atul et al., "Bench Scale Evaluation of Batch Mode Dip-Coating of Sol-Gel LaAlO ₃ Buffer Material", <i>IEEE Transactions on Applied Superconductivity</i> , Vol. 9, No. 2, June 1999, pp. 1514-1518
	AUU	Shoup et al., "Epitaxial Thin Film Growth of Lanthanum and Neodymium Aluminate Films on Roll-Textured Nickel Using a Sol-Gel Method", <i>J. Am. Cer. Soc.</i> , Vol. 81, (1998), pp. 3019-3021
	AVV	"Silicon Processing for the VLSI Era", Vol. 1, eds. S. Wolf and R.N. Tanber, Lattice Press, Sunset Park, CA, pp. 539-574 (1986)
	AWW	Smith, J.A. et al., "High Critical Current Density Thick MOD-Derived YBCO Films", <i>IEEE Transactions on Applied Superconductivity</i> , Vol. 9, No. 2, June 1999, pp. 1531-1534
	AXX	Tanaka et al., "Improvement of Yba ₂ Cu ₃ O _x Single-Crystal Surface by Chemical Etching", <i>Jpn. J. Appl. Phys.</i> , Vol. 38 (1999) p. L731-L733

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